

Notice of Allowability

Application No.

09/605,884

Applicant(s)

HONDA, KAZUSHI

Examiner

CHAMELI C. DAS

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 11/19/04.
2. ☒ The allowed claim(s) is/are 1,3,7-9, 11, 15-16, 18-19, 21-24 (newly numbered claims are 1-14).
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 4/26/05.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 4/26/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

1. This action is in response to the amendment filed on 11/19/04.
2. Claims 2, 4-6, 10, 12-14, 17, 20 have been canceled.
3. Claims 1, 3, 7-9, 16, 19, 21-24 have been amended.
4. Claims 1, 3, 7-9, 11, 15-16, 18-19, 21-24 have been allowed.

Drawings

5. The drawings are objected to under 37 CFR 1.83(a) because Fig. 11, Fig. 15 and Fig. 21 fail to show the detail as described in the specification. Specification describes Fig 11A, Fig. 11B and Fig 11C. Similarly the specification describes Figs 15A, Fig. 15B, Fig. 15C and Fig 21A, Fig. 21B and Fig. 21C. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an

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application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

EXAMINER'S AMENDMENT

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Surinder Sachar, applicant's attorney on 4/26/05.

The application has been amended as follows:

In the claims:

In claim 1 (currently amended)

at line 24, before "code" delete [the] and insert -- a --

In claim 3 (currently amended)

at line 9, before "instance" delete [the] and insert -- any --

In claim 15 (currently amended)

at line 3, after "multiphase" insert -- data --

at line 5, after "multiphase" insert -- data --

In claim 21 (currently amended)

at line 29, before "instance" delete [the] and insert -- any --

at line 34, before "code" delete [the] and insert -- a --.

REASON FOR ALLOWANCE

7. The following is an examiner's statement of reason for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the other claimed limitations, a system for program language processing for translating source programs to generate an object program, comprising: a first source updating module configured to, if the name of the detected data type definition is registered, delete the data type definition from all source programs that are succeedingly compiled and linked to one object program; a second source updating module configured to delete the data type definition of which the use flag is not set to the use status from all the source programs that are succeedingly compiled to one object program to optimize the source programs, as recited in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

8. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Debugging system with portable debug environment-independent client and non-portable platform-specific server , US 5815653 A

TITLE: Interactive software development system, US 5764989 A

TITLE: Compiler back end calling predetermined front end routines that use effect and dependency indicators to provide information to the compiler to determine the validity of an optimization, US 5493675 A

TITLE: System and method for generating a translation display, US 6829759 B1

TITLE: Method of constructing a constant-folding mechanism in a multilanguage optimizing compiler, US 5836014 A

TITLE: Interface for symbol table construction in a multilanguage optimizing compiler, US 5659753 A

TITLE: Interface for symbol table construction in a multilanguage optimizing compiler, US 5659753 A

TITLE: Optimizing compiler using templates corresponding to portions of an intermediate language graph to determine an order of evaluation and to allocate lifetimes to temporary names for variables, US 5613117 A

TITLE: Incremental compilation of locally optimized code, author: Pollock et al, ACM, 1984.

TITLE: Compiling Functional language, author: Cardelli, ACM, 1984.

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chameli Das whose telephone number is 571-272-2696.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 571-272-2695. The fax number for this group is (703) 872-9306.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 571-272-2100.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER
4/26/05